HAND-HELD CUTTING TOOL FOR CUTTING FIBER-CEMENT SIDING

ABSTRACT OF THE DISCLOSURE

An apparatus for cutting fiber-cement siding. A fiber-cement siding cutting tool in accordance with the invention may have a hand-held motor unit with a housing, a motor inside the housing, and a switch operatively coupled to the motor to selectively activate the motor. A head having a casing may be attached to the housing of the motor unit. The head may have a reciprocating drive assembly coupled to the motor. The hand-held cutting tool also has a blade set with first and second fingers attached to either the casing or the motor housing, and a reciprocating cutting member between the first and second fingers. The first finger may have a first guide surface and a first interior surface. Similarly, the second finger may have a second straight guide surface and a second interior surface. The reciprocating cutting member has a body and a blade projecting from the body. The blade has a first side surface facing the first interior surface of the first finger, a second side surface facing the second interior surface of the second finger, and a top surface. The first side surface of the blade is preferably spaced apart from the first interior surface of the first finger by 0.040-0.055 inches for cutting 1/4 inch and 5/16 inch thick fiber-cement siding. Similarly, the second side surface of the blade is spaced apart from the second interior surface of the second finger by 0.040-0.055 inches for cutting such fiber-cement siding. The distance between the first and second side surfaces and the first and second finger, respectively, may be approximately 13%-22% of the thickness of the fiber-cement siding workpiece.